

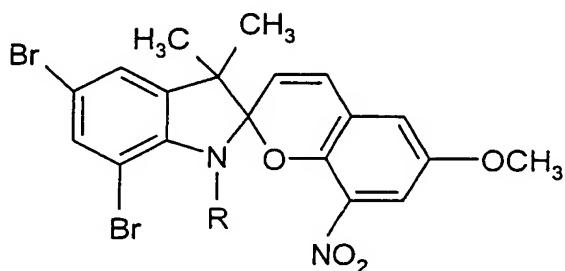
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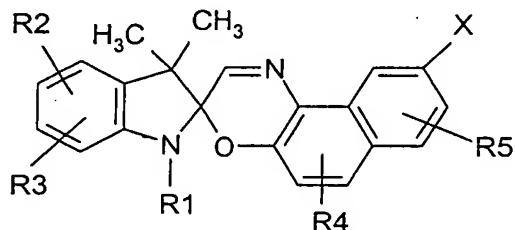
Claims

1. (amended) A coating composition for a plastic photochromic lens, comprising 1.5 to 5 wt% spiropyran compound defined by Formula I and spirooxazine compound defined by Formula II; 60 to 65 wt% toluene; and an acryl 5 based binder to make 100 wt% of the coating composition.

Formula I



Formula II



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(wherein,

R is alkyl with 1 to 30 carbon atoms;

R1 is alkyl, alkenyl, or alkoxy with 1 to 10 carbon atoms, or substituted or non-substituted phenyl;

15 R2 to R5 are independently hydrogen atom, halogen, cyano, nitro, or alkyl or alkoxy with 1 to 6 carbon atoms; and

X is hydroxy, glycidoxy, amine, or dichlorotrioxazinoxy)

2. (unchanged) A plastic photochromic lens coated with the coating composition according to claim 1.

3. (unchanged) A method of producing a plastic photochromic lens, comprising:

5 coating a surface of a plastic lens with the coating composition according to claim 1; and

heat-curing the resulting structure.

4. (unchanged) The method according to claim 3, wherein the heat-curing is performed at the temperature of 30 to 80°C.